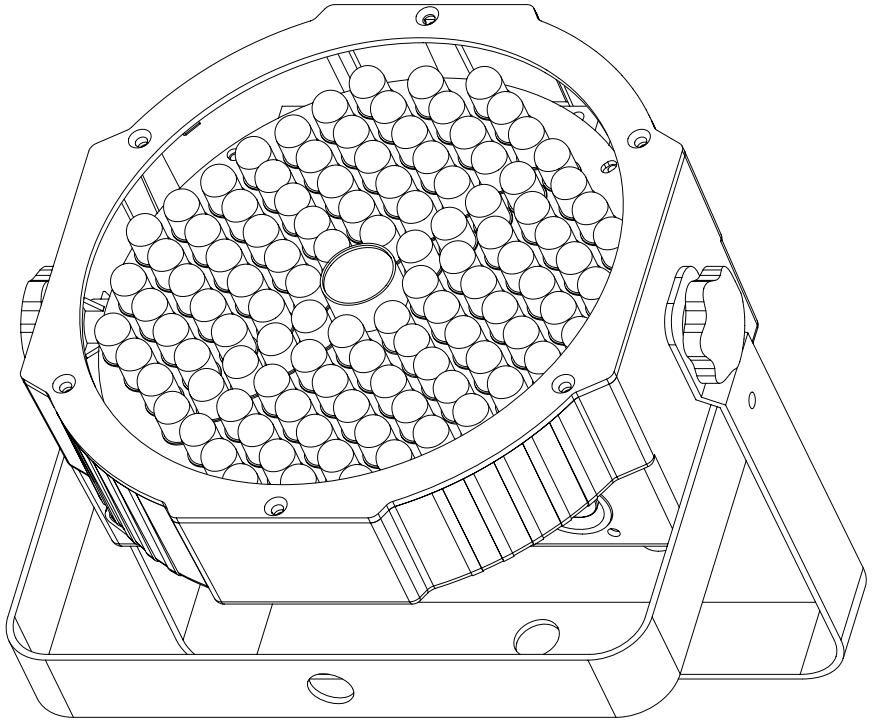
MEGA PAR PROFILE PLUS



User Instructions

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Europe Energy Saving Notice
Energy Saving Matters (EuP 2009/125/EC)
Saving electric energy is a key to help protecting the enviroment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

Model: Mega Par Profile Plus

Voltage:	100V ~ 240V/50~60Hz
LEDs:	107 x 10mm LED's (26 Red, 45 Green, 36 Blue + 1 UV)
Beam Angle:	30 Degrees
Working Position:	Any safe working position
Power Draw:	16W
Power Cord Daisy Chain:	33 Fixtures Max. (120V) 60 Fixtures Max. (240V)
Fuse:	0.5 Amp
Weight:	3lbs./ 1.1Kgs.
Dimensions:	9" (L) x 8.75" (W) x 3.5" (H) 225 x 220 x 85mm
Colors:	RGB + UV Mixing
DMX Channels:	5 DMX Modes: 4 Channel Mode, 5 Channel Mode, 6 Channel Mode, 9 Channel Mode, & 10 Channel Mode
Warranty:	2 Year (730 days)

Auto Sensing Voltage: *This fixture contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.*

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

Unpacking: Thank you for purchasing the Mega Par Profile Plus by ADJ Products, LLC. Every Mega Par Profile Plus has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

Introduction: The ADJ Mega Par Profile Plus is a DMX intelligent, high powered LED par fixture. This fixture can be used in a stand alone mode or connected in a Master/Slave configuration. This wash has five operating modes: Sound Active mode, Auto mode, RGB + UV Dimmer mode, Static Color mode, and DMX control mode. To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Customer Support: ADJ Products, LLC provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.adj.com for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

Voice: (323) 582-3322
Fax: (323) 582-3108
E-mail: support@AmericanDJ.com

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

PLEASE recycle the shipping carton when ever possible.

Mega Par Profile Plus Features

- Five Operating Modes
- Electronic Dimming 0-100%
- 5 Selectable Dimming Curves
- 64 Color Macros
- Built in Microphone
- DMX-512 protocol
- 3-Pin DMX Connection
- 5 DMX Modes: 4 Channel Mode, 5 Channel Mode, 6 Channel Mode, 9 Channel Mode, & 10 Channel Mode.
- ADJ LED RC2 compatiable (Not Included)
- Power Cord Daisy Chain (See page 26)

Mega Par Profile Plus Warranty Registration

The Mega Par Profile Plus carries a 2 year limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain a R.A. number by contacting our customer support team on our customer support number. All packages returned to the service department not displaying a R.A. number on the outside of the package will be returned to the shipper.

Mega Par Profile Plus Installation

The unit should be mounted using a mounting clamp (not provided), affixing it to the mounting bracket that is provided with the unit.
Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times the unit's weight. Also, always use a safety cable that can hold 12 times the weight of the unit when installing the fixture.
The equipment must be installed by a professional, and it must be installed in a place where it is out of the reach of people's grasp.

Mega Par Profile Plus Notes

Mega Par Profile Plus Warranty

MANUFACTURER'S LIMITED WARRANTY

A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. **For warranty service you must obtain a Return Authorization number (RA#) before sending back the product–please contact ADJ Products, LLC Service Department at 800-322-6337**. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or sevice (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in it's original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.

D. This is not a service contract, and this warranty does not include maintnance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear indentifying marks to that effect.

E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- **Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED, Laser Products and lamps)
- **Laser Products = 90-Day Limited Warranty**
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) and batteries which have a 180 day limited warranty).

Mega Par Profile Plus Safety Precautions

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only, use of this product out` doors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 24 for cleaning details.
- Heat -The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  A. The power-supply cord or the plug has been damaged.
  B. Objects have fallen, or liquid has been spilled into the appliance.
  C. The appliance has been exposed to rain or water.
  D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Mega Par Profile Plus — DMX Set Up

Power Supply: The ADJ Mega Par Profile Plus contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

DMX-512: DMX is short for Digital Multiplex. This is a universal protocol used as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).

DMX Linking: DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

Data Cable (DMX Cable) Requirements (For DMX Operation): The Mega Par Profile Plus can be controlled via DMX-512 protocol. The Mega Par Profile Plus has 5 DMX modes, please see pages 9-10 for the different modes. The DMX address is set on the back panel of the Mega Par Profile Plus. Your unit and your DMX controller require a standard 3-pin XLR connector for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all pro lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

Figure 1

Mega Par Profile Plus — Power Cord Daisy Chain

With this feature you can connect the fixtures to one another using the IEC input and output sockets. The quantity that can be connected is 33 fixtures maximum. After 33 fixtures you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures.

Mega Par Profile Plus — Fuse Replacement

Disconnect the unit from its power source. Remove the power cord from the unit. Once the cord has been removed, you will find that the fuse holder is located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder also has a holder for a spare fuse.

Mega Par Profile Plus — Trouble Shooting

Listed below are a few common problems the user may encounter, with solutions.

Unit not responding to DMX:

1. Check that the DMX cables are connected properly and are wired correctly (pin 3 is "hot"; on some other DMX devices pin 2 may be 'hot'). Also, check that all cables are connected to the right connectors; it does matter which way the inputs and outputs are connected.

Unit does not respond to sound:

1. Quiet or high pitched sounds will not activate the unit.
2. Make sure that Sound Active mode is activated.

Mega Par Profile Plus — Cleaning

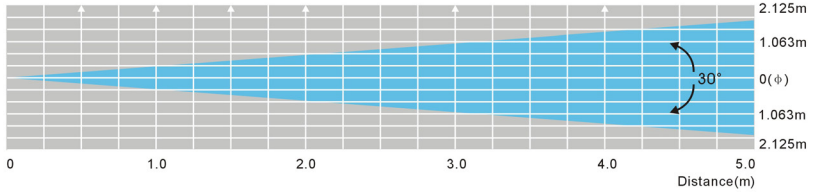
Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

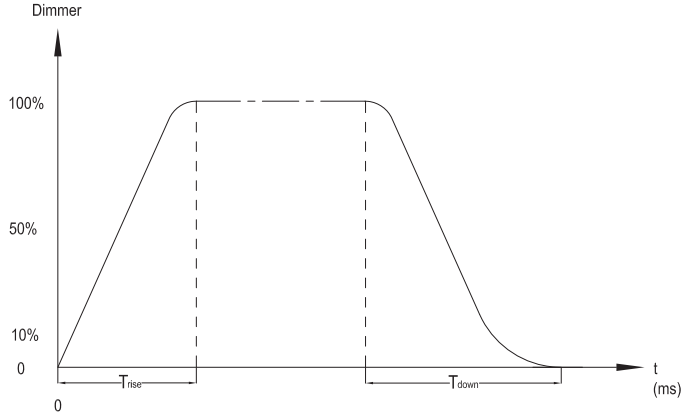
Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

Mega Par Profile Plus — Photometric Chart

R	D30	235	75	38	22	14	lux
G	D30	518	173	59	34	15	
B	D30	530	176	76	38	27	
UV	D30	77	21	7	5.5	3.5	
RGB	D30	1298	318	156	84	56	
RGB+UV	D30	1327	345	164	92	58	



Mega Par Profile Plus — Dimmer Curve Chart



Ramp Effect	0 — 255 0S (Fade Time)		0 — 255 1S (Fade Time)	
	T_{rise} (ms)	T_{down} (ms)	T_{rise} (ms)	T_{down} (ms)
Standard	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

Mega Par Profile Plus — DMX Set Up

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

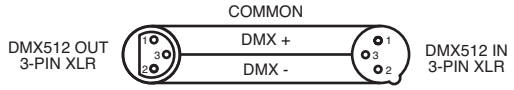
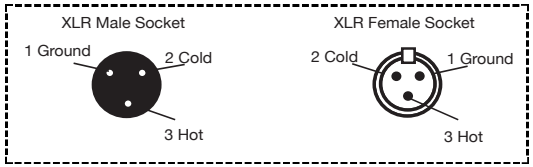


Figure 2



XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

Figure 3

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.

Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal, (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

5-Pin XLR DMX Connectors. Some manufactures use 5-pin DMX-512 data cables for DATA transmission in place of 3-pin. 5-pin DMX fixtures may be implemented in a 3-pin DMX line. When inserting standard 5-pin data cables in to a 3-pin line a cable adaptor must be used, these adaptors are readily available at most electric stores. The chart below details a proper cable conversion.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Do Not Use
Not Used		Do Not Use

System Menu: The display will lock after 30 seconds, press the MODE button for 3 seconds to unlock.

LED Display On/Off:

To set the LED display to turn off after 10 seconds, press the MODE button until “don” is displayed, press the UP button to display “doff”. Now the display will disappear after 10s. Press any button to turn the display on again. Be advised though that the display will turn off automatically after 10 seconds.

To set the display press the MODE button until “dXX” is displayed. Use the UP or DOWN buttons to select either:
“don” = LED display on at all times.
“doFF” = LED display shuts off after 10 seconds.

LED Display Inversion:

Follow these instructions to flip the display 180° so that the display can be read upside down.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”.
2. Press the SET UP button until “Stnd” is displayed.
3. Press the UP or DOWN buttons to reverse the display 180°.

Operating Modes:

The Mega Par Profile Plus has five operating modes:

- Sound-Active mode - The unit will react to sound, chasing through the built in programs. There are 16 sound active modes.
- Color Macro Mode - There are 64 colors to choose from.
- Auto Mode - There are 3 Auto Modes to choose from.
- RGB+UV Dimmer Mode - Choose one of the four colors to remain static or adjust the intensity of each color to make your desired color.
- DMX control mode - This function will allow you to control each individual fixtures traits with a standard DMX 512 controller.

Sound Active Mode:

In this mode the Mega Par Profile Plus will react to sound, and chase through the different colors.

1. Plug the fixture in and press the MODE button until “SoXX” is dis-

Color No.	DMX VAULE	RGB+UV COLOR INTENSITY			
		RED	GREEN	BLUE	UV
Color0(off)	0	0	0	0	0
Color1	1-4	80	255	234	80
Color2	5-8	80	255	164	80
Color3	9-12	77	255	112	77
Color4	13-16	117	255	83	83
Color5	17-20	160	255	77	77
Color6	21-24	223	255	83	83
Color7	25-28	255	243	77	77
Color8	29-32	255	200	74	74
Color9	33-36	255	166	77	77
Color10	37-40	255	125	74	74
Color11	41-44	255	97	77	74
Color12	45-48	255	71	77	71
Color13	49-52	255	83	134	83
Color14	53-56	255	93	182	93
Color15	57-60	255	96	236	96
Color16	61-64	238	93	255	93
Color17	65-68	196	87	255	87
Color18	69-72	150	90	255	90
Color19	73-76	100	77	255	77
Color20	77-80	77	100	255	77
Color21	81-84	67	148	255	67
Color22	85-88	77	195	255	77
Color23	89-92	77	234	255	77
Color24	93-96	158	255	144	144
Color25	97-100	255	251	153	153
Color26	101-104	255	175	147	147
Color27	105-108	255	138	186	138
Color28	109-112	255	147	251	147
Color29	113-116	151	138	255	138
Color30	117-120	151	138	255	138
Color31	121-124	138	169	255	138
Color32	125-128	255	255	255	255

Color No.	DMX VAULE	RGB+UV COLOR INTENSITY			
		RED	GREEN	BLUE	UV
Color33	129-132	255	206	143	0
Color34	133-136	254	177	153	0
Color35	137-140	254	192	138	0
Color36	141-144	254	165	98	0
Color37	145-148	254	121	0	0
Color38	149-152	176	17	0	0
Color39	153-156	96	0	11	0
Color40	157-160	234	139	171	0
Color41	161-164	224	5	97	0
Color42	165-168	175	77	173	0
Color43	169-172	119	130	199	0
Color44	173-176	147	164	212	0
Color45	177-180	88	2	163	0
Color46	181-184	0	38	86	0
Color47	185-188	0	142	208	0
Color48	189-192	52	148	209	0
Color49	193-196	1	134	201	0
Color50	197-200	0	145	212	0
Color51	201-204	255	0	0	0
Color52	205-208	0	255	0	0
Color53	209-212	0	83	115	0
Color54	213-216	0	97	166	0
Color55	217-220	1	100	167	0
Color56	221-224	0	40	86	0
Color57	225-228	209	219	182	0
Color58	229-232	42	165	85	0
Color59	233-236	0	46	35	0
Color60	237-240	8	107	222	0
Color61	241-244	107	156	231	0
Color62	245-248	165	198	247	0
Color63	249-252	0	0	255	0
Color64	253-255	0	0	0	255

Channel	Value	Function
8		COLOR MACROS/PROGRAMS/ SOUND ACTIVITY
		SOUND ACTIVE PROGRAMS
	0 - 15	SOUND ACTIVE MODE 1
	16 - 31	SOUND ACTIVE MODE 2
	32 - 47	SOUND ACTIVE MODE 3
	48 - 63	SOUND ACTIVE MODE 4
	64 - 79	SOUND ACTIVE MODE 5
	80 - 95	SOUND ACTIVE MODE 6
	96 - 111	SOUND ACTIVE MODE 7
	112 - 127	SOUND ACTIVE MODE 8
	128 - 143	SOUND ACTIVE MODE 9
	144 - 159	SOUND ACTIVE MODE 10
	160 - 175	SOUND ACTIVE MODE 11
	176 - 191	SOUND ACTIVE MODE 12
	192 - 207	SOUND ACTIVE MODE 13
	208 - 223	SOUND ACTIVE MODE 14
	224 - 239	SOUND ACTIVE MODE 15
	240 - 255	SOUND ACTIVE MODE 16
9		PROGRAM SPEED/SOUND SENSITIVE
	0 - 255	SLOW - FAST
	0 - 255	LEAST SENSITIVE - MOST SENSITIVE
10		DIMMER CURVES
	0 - 20	STANDARD
	21 - 40	STAGE
	41 - 60	TV
	61 - 80	ARCHITECTURAL
	81 - 100	THEATRE
	101 - 255	DEFAULT TO UNIT SETTING

played. “XX” represents the sound active mode (1-16) currently displayed.
2. The fixture will now change via sound.
3. Press the SET UP button to adjust the sound sensitivity. “SJ-X” should be displayed. Use the UP or DOWN buttons to adjust the sensitivity. “SJ-1” is the lowest sensitivity, “SJ-8” is the highest.

Static Color Mode:

1. Plug the fixture in and press the MODE button until “CLXX” is displayed.
2. There are 64 colors to choose from. Select your desired color by pressing the UP and DOWN buttons. After you have selected your desired color you can activate strobing by pressing the SET UP button to enter the Flash (strobe) mode.
3. “FS.XX” will be displayed, this is Flash mode. The Flash can be adjusted between “FS.00” (flash off) to “FS.15” (fastest flash).

Auto Run Mode:

There are 3 types of Auto Run Modes to choose from; Color Fade, Color Change, and both modes running together. The running speed is adjustable in all 3 modes.

1. Plug the fixture in and press the MODE button until either “AFXX”, “AJXX”, or “A-JF” is displayed.

- AFXX = Color Fade mode, there are 16 Color Fade modes to choose from. Use the UP or DOWN buttons to scroll through the different Auto Fade modes.
- AJXX = Color Change mode, there are 16 Color Change modes to choose from. Use the UP or DOWN buttons to scroll through the different Auto Change modes.
- A-JF = Both Color Fade and Color Change modes running.

2. After you have chosen your desired running mode press the SET UP button until “SP.XX” is displayed. When this is displayed you can adjust the running speed of your desired program. Use the UP or DOWN button to adjust the speed between “SP.01” (slowest) and “SP.16” (fastest). Once you have set your desired running speed, press the SET UP button to return to your desired Auto Run Mode.

RGB+UV Dimmer Mode:

1. Plug the fixture in and press the MODE button until:
2. When “r.XXX” is displayed you are in Red dimming mode. Press the UP and DOWN buttons to adjust intensity.
3. When “G.XXX” is displayed you are in Green dimming mode. Press the UP and DOWN buttons to adjust intensity.
4. When “b.XXX” is displayed you are in Blue dimming mode. Press the UP and DOWN buttons to adjust intensity.
5. When “u.XXX” is displayed you are in UV dimming mode. Press the UP and DOWN buttons to adjust intensity.
6. After you have adjusted the RGB & UV colors to make your desired color you can then activate strobing by pressing the SET UP button to enter the Flash (strobe) mode.
7. “FS.XX” will be displayed, this is Flash mode. The Flash can be adjusted between “FS.00” (flash off) to “FS.15” (fastest flash).

DMX Mode:

Operating through a DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. This function also allows you to use your fixtures as spot lights. The Mega Par Profile Plus has 5 DMX modes: 4 channel mode, 5 channel mode, 6 channel mode, 9 channel mode, and a 10 channel mode. See page’s 16-23 for each mode’s DMX traits.

1. This function will allow you to control each individual fixture’s traits with a standard DMX 512 controller.
2. To run your fixture in DMX mode press the MODE button until “d.XXX” is displayed. “XXX” represents the current displayed DMX address. Use the UP or DOWN buttons to select your desired DMX address, then press the SETUP button to select your DMX Channel mode.
3. Use the UP or DOWN buttons to scroll through the DMX Channel modes. The Channel modes are listed below:

- To run the 4 Channel Mode, press the MODE button until “Ch04” is displayed. This is the 4 Channel DMX Mode.
- To run the 5 Channel Mode, press the MODE button until “Ch05” is displayed. This is the 5 Channel DMX Mode.
- To run the 6 Channel Mode, press the MODE button until “Ch06” is displayed. This is the 6 Channel DMX Mode.

Channel	Value	Function
8		COLOR MACROS/PROGRAMS/ SOUND ACTIVITIY
		COLOR CHANGE PROGRAMS
	48 - 63	COLOR CHANGE 4
	64 - 79	COLOR CHANGE 5
	80 - 95	COLOR CHANGE 6
	96 - 111	COLOR CHANGE 7
	112 - 127	COLOR CHANGE 8
	128 - 143	COLOR CHANGE 9
	144 - 159	COLOR CHANGE 10
	160 - 175	COLOR CHANGE 11
	176 - 191	COLOR CHANGE 12
	192 - 207	COLOR CHANGE 13
	208 - 223	COLOR CHANGE 14
	224 - 239	COLOR CHANGE 15
	240 - 255	COLOR CHANGE 16
		COLOR FADE PROGRAMS
	0 - 15	COLOR FADE 1
	16 - 31	COLOR FADE 2
	32 - 47	COLOR FADE 3
	48 - 63	COLOR FADE 4
	64 - 79	COLOR FADE 5
	80 - 95	COLOR FADE 6
	96 - 111	COLOR FADE 7
	112 - 127	COLOR FADE 8
	128 - 143	COLOR FADE 9
	144 - 159	COLOR FADE 10
	160 - 175	COLOR FADE 11
	176 - 191	COLOR FADE 12
	192 - 207	COLOR FADE 13
	208 - 223	COLOR FADE 14
	224 - 239	COLOR FADE 15
	240 - 255	COLOR FADE 16

Channel	Value	Function
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		UV
	0 - 255	0% - 100%
5		SHUTTER/STROBE
	0 - 31	LED OFF
	32 - 63	LED ON
	64 - 95	STROBING SLOW - FAST
	96 - 127	LED ON
	128 - 159	STROBE PULSE SLOW - FAST
	160 - 191	LED ON
	192 - 223	RANDOM STROBE SLOW - FAST
	224 - 255	LED ON
6		MASTER DIMMER
	0 - 255	0% - 100%
7		PROGRAM SELECTION MODE
	0 - 51	DIMMING MODE
	52 - 102	COLOR MACRO MODE
	103 - 153	COLOR CHANGE MODE
	154 - 204	COLOR FADE MODE
	205 - 255	SOUND ACTIVE MODE
8		COLOR MACROS/PROGRAMS/ SOUND ACTIVITY
	0 - 255	COLOR MACRO MODE (See page 24 for the Color Macro Chart)
		COLOR CHANGE PROGRAMS
	0 - 15	COLOR CHANGE 1
	16 - 31	COLOR CHANGE 2
	32 - 47	COLOR CHANGE 3

- To run the 9 Channel Mode, press the MODE button until “Ch09” is displayed. This is the 9 Channel DMX Mode.
- To run the 10 Channel Mode, press the MODE button until “Ch10” is displayed. This is the 10 Channel DMX Mode.

4. Please see pages 16-23 for DMX values and traits.
5. After you have chosen your desired DMX Channel mode plug in the fixture via the XLR connections to any standard DMX controller.

Default Running Mode:

This is a default running mode. When this mode is activated all modes will return to their default settings.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”.
2. Press the SET UP button until “dEFA” is displayed.
3. Press the UP and DOWN buttons simultaneously. Press the MODE button to exit.

DMX State:

This mode can be used as a precaution mode, that in case the DMX signal is lost, the operating mode chosen in the setup is the running mode the fixture will go into when the DMX signal is lost. You can also set this as the operating mode you would like the unit to return to when power is applied.

1. Plug the fixture in and press the MODE button until “d.XXX” is displayed. “XXX” represents the current displayed DMX address.
2. Press the SET UP button so that “nodn” is displayed. Use the UP and DOWN buttons to scroll through the DMX states.
   - “bLAC” (Blackout) - If the DMX signal is lost or interrupted, the unit will automatically go into stand by mode.
   - “LASt” (Last State) - If the DMX signal is lost or interrupted, the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.
   - “ProG” (Auto Run) - If the DMX signal is lost or interrupted, the unit will automatically go into Auto Run mode.
3. Use the UP and DOWN buttons to find your desired DMX state and press SET UP to confirm and exit.

Dimmer Curve:

This is used to set the dimming curve used with DMX mode. See page 25 for the dimming curves chart.

1. Plug the fixture in and press the MODE button until “DMX MODE” is displayed.
2. Press the SET UP button until “dr-X” is displayed. “X” represents the displayed dimmer curve (0-4).
   - 0 - Standard
   - 1 - Stage
   - 2 - TV
   - 3 - Architectural
   - 4 - Theatre
3. Press the UP or DOWN buttons to scroll through and select your desired dimming curve.

ADJ LED RC2:

This function is used to activate and deactivate the ADJ LED RC2 (Remote Control). When this function is activated you can control the fixture using the ADJ LED RC2. Please see the next page for ADJ LED RC2 controls and functions.

1. Plug the fixture in and press the MODE button until “dXX” is displayed. “XX” represents either “on” or “oFF”.
2. Press the SET UP button until “IrXX” is displayed. “XX” represents either “on” or “oF”.
3. Press the UP or DOWN buttons to either activate the remote function (On) or deactivate it (Off).

Channel	Value	Function
8		COLOR MACROS/PROGRAMS/ SOUND ACTIVITY
		SOUND ACTIVE PROGRAMS
	0 - 15	SOUND ACTIVE MODE 1
	16 - 31	SOUND ACTIVE MODE 2
	32 - 47	SOUND ACTIVE MODE 3
	48 - 63	SOUND ACTIVE MODE 4
	64 - 79	SOUND ACTIVE MODE 5
	80 - 95	SOUND ACTIVE MODE 6
	96 - 111	SOUND ACTIVE MODE 7
	112 - 127	SOUND ACTIVE MODE 8
	128 - 143	SOUND ACTIVE MODE 9
	144 - 159	SOUND ACTIVE MODE 10
	160 - 175	SOUND ACTIVE MODE 11
	176 - 191	SOUND ACTIVE MODE 12
	192 - 207	SOUND ACTIVE MODE 13
	208 - 223	SOUND ACTIVE MODE 14
	224 - 239	SOUND ACTIVE MODE 15
	240 - 255	SOUND ACTIVE MODE 16
9		PROGRAM SPEED/SOUND SENSITIVE
	0 - 255	SLOW - FAST
	0 - 255	LEAST SENSITIVE - MOST SENSITIVE

When Channel 7 is between the values of 0-51, Channels 1-4 are used, and Channel 5 will control strobing.

When Channel 7 is between the values of 52-102, Channel 8 is in Color Macros Mode, and Channel 5 will control strobing.

When Channel 7 is between the values of 103-153, Channel 8 is in Color Change Mode, and Channel 9 will control the color change speed.

When Channel 7 is between the values of 154-204, Channel 8 is in Color Fade Mode, and Channel 9 will control the color fade speed.

When Channel 7 is between the values of 205-255, Channel 8 is in Sound Active Mode, and Channel 9 will control the sound sensitivity.

Mega Par Profile Plus		9 Channel Mode
Channel	**Value**	**Function**
8		COLOR MACROS/PROGRAMS/ SOUND ACTIVITIY
		COLOR CHANGE PROGRAMS
	48 - 63	COLOR CHANGE 4
	64 - 79	COLOR CHANGE 5
	80 - 95	COLOR CHANGE 6
	96 - 111	COLOR CHANGE 7
	112 - 127	COLOR CHANGE 8
	128 - 143	COLOR CHANGE 9
	144 - 159	COLOR CHANGE 10
	160 - 175	COLOR CHANGE 11
	176 - 191	COLOR CHANGE 12
	192 - 207	COLOR CHANGE 13
	208 - 223	COLOR CHANGE 14
	224 - 239	COLOR CHANGE 15
	240 - 255	COLOR CHANGE 16
		COLOR FADE PROGRAMS
	0 - 15	COLOR FADE 1
	16 - 31	COLOR FADE 2
	32 - 47	COLOR FADE 3
	48 - 63	COLOR FADE 4
	64 - 79	COLOR FADE 5
	80 - 95	COLOR FADE 6
	96 - 111	COLOR FADE 7
	112 - 127	COLOR FADE 8
	128 - 143	COLOR FADE 9
	144 - 159	COLOR FADE 10
	160 - 175	COLOR FADE 11
	176 - 191	COLOR FADE 12
	192 - 207	COLOR FADE 13
	208 - 223	COLOR FADE 14
	224 - 239	COLOR FADE 15
	240 - 255	COLOR FADE 16

Mega Par Profile Plus Master-Slave Configuration

This function will allows you to link units together to run in a Master-Slave mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units built-in programs. Any unit can act as a Master or as a Slave however, only one unit can be programmed to act as the “Master.”

Master-Slave Connections and Settings:

1. Daisy chain your units via the XLR connector on the rear of the unit. Use standard XLR data cables to link your units together. Remember that the Male XLR connector is the input and the Female XLR connector is the ouput. The first unit in the chain (master) will use the female XLR connector only. The last unit in the chain will use the male XLR connector only.
2. Connect the first “Slave” unit to the “Master.”
3. Set the “Master” unit to your desired mode of operation. The “Slave” unit will now follow the “Master”.

The **ADJ LED RC2** infrared remote (sold seperately) has many differnet functions and gives you complete control of your Mega Par Profile Plus. To control the your desired fixture you must aim the controller at the front of the fixture and be no more the 30 feet away. To use the ADJ LED RC2 you must first activate the fixtures infrared receiver, to activate the receiver please see the instructions on page 11.

BLACKOUT - Pressing this button will blackout the fixture.

PROGRAM SELECTION - This button will let you access color change mode, color fade mode, auto run mode, or static color mode. Each press of this button will scroll change to the next mode. When you found your desired mode use the "+" or "-" to scroll through the programs or static colors. When using the auto run, color fade, or color change, press the Speed button and use the "+" or "-" to adjust the running speed.

- ***If the Red LED's flash you are in Color Fade Mode.***
- ***If the Green LED's flash you are in Color Change Mode.***
- ***If the Blue LED's flash you are in Auto Run Mode.***
- ***If the UV LED flashes you are in Static Color Mode.***

FLASH - This button will activate the strobe effect. You can control the flash rate by pressing the "+" and "-" buttons. Press this button again to exit strobe mode.

SPEED - Press this button and use the "+" & "-" buttons to adjust the speed of the auto run, color change, and color fade or adjust the sound sensitivity in sound active mode.

DMX MODE - Pressing his button will scroll through DMX addressing, DMX Channel mode, DMX last state setting, and dimming curves. Some fixtures will come with different DMX channel modes. When your desired menu/submenu is found, use the "+" & "-" buttons to scroll through the settings. See pages 14-15 for DMX control. See pages 16-23 for DMX modes, values, and traits.

SLAVE/SA (SOUND ACTIVE) - Use this button to toggle between sound active mode and slave mode. In sound active mode use the "+" and "-" buttons to scroll through the 16 sound active programs. Press the Speed button to and use the "+" and "-" buttons to adjust the sound sensitivity. This designates the fixture as a slave fixture in a

Channel	Value	Function
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		UV
	0 - 255	0% - 100%
5		SHUTTER/STROBE
	0 - 31	LED OFF
	32 - 63	LED ON
	64 - 95	STROBING SLOW - FAST
	96 - 127	LED ON
	128 - 159	STROBE PULSE SLOW - FAST
	160 - 191	LED ON
	192 - 223	RANDOM STROBE SLOW - FAST
	224 - 255	LED ON
6		MASTER DIMMER
	0 - 255	0% - 100%
7		PROGRAM SELECTION MODE
	0 - 51	DIMMING MODE
	52 - 102	COLOR MACRO MODE
	103 - 153	COLOR CHANGE MODE
	154 - 204	COLOR FADE MODE
	205 - 255	SOUND ACTIVE MODE
8		COLOR MACROS/PROGRAMS/ SOUND ACTIVITY
	0 - 255	COLOR MACRO MODE (See page 24 for the Color Macro Chart)
		COLOR CHANGE PROGRAMS
	0 - 15	COLOR CHANGE 1
	16 - 31	COLOR CHANGE 2
	32 - 47	COLOR CHANGE 3

Mega Par Profile Plus		6 Channel Mode
Channel	**Value**	**Function**
1		RED
	0 - 255	0% - 100%
2		GREEN
	0 - 255	0% - 100%
3		BLUE
	0 - 255	0% - 100%
4		UV
	0 - 255	0% - 100%
5		SHUTTER/STROBE
	0 - 31	LED OFF
	32 - 63	LED ON
	64 - 95	STROBING SLOW - FAST
	96 - 127	LED ON
	128 - 159	STROBE PULSE SLOW - FAST
	160 - 191	LED ON
	192 - 223	RANDOM STROBE SLOW - FAST
	224 - 255	LED ON
6		MASTER DIMMER
	0 - 255	0% - 100%

master/slave configuration.

SET ADDRESS - Press this button to set the DMX address. Press this button first, then press the numbers to set the address.

Example: Set DMX Address 1 Press "0-0-1"

Set DMX Address 245 Press "2-4-5"

R G B A - Press either one of these buttons and the press the "+" or "-" to adjust the brightness. "A" selects UV dimmer mode.

"+" and "-" - Use these buttons to adjust the flash rate, speed of the built-in programs, sound sensitivity, and program selection.

DMX Control:

Operating through an DMX controller gives the user the freedom to create their own programs tailored to their own individual needs. Follow the directions below to set your DMX channel mode and address.

1. Before connecting to an DMX controller, your fixture has different DMX channel modes, please select your desired mode by pressing the DMX Mode button, then using the "+" or "-" buttons to scroll through the DMX Channel Modes. Set the mode before you address the fixture. See the bottom of this page for the DMX modes.

2. After you have selected your mode, set the DMX address for the fixture by pressing the "S" button. When the "S" button is pressed the LED's will flash 2-3 times and all the red LED's will light. Use the number buttons to press in your desired address. See ***"SET ADDRESS"*** on page 11 for examples.

Note: When seeting the DMX address each time a number is pressed a LED color will glow, when you have set the DMX address correctly all LED's will flash 2-3 times.

3. Now you may connect the fixture via the XLR connections to any standard DMX controller. Please see pages 16-23 to for a detailed descriptions of the DMX modes, values, and traits.

- ***If All LED's flash you are in DMX Mode 1: 4 DMX Channel.***
- ***If the Red LED's flash you are in DMX Mode 2: 5 DMX Channels.***

- ***If the Green LED's flash you are in DMX Mode 3: 6 DMX Channels.***
- ***If the Blue LED's flash you are in DMX Mode 4: 9 DMX Channels.***
- ***If the UV LED flashes you are in DMX Mode 5: 10 DMX Channels.***

Mega Par Profile Plus		4 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	UV 0% - 100%

Mega Par Profile Plus		5 Channel Mode
Channel	**Value**	**Function**
1	0 - 255	RED 0% - 100%
2	0 - 255	GREEN 0% - 100%
3	0 - 255	BLUE 0% - 100%
4	0 - 255	UV 0% - 100%
5	0 - 255	MASTER DIMMER 0% - 100%